AMENDMENTS TO THE CLAIMS

1. (Previously Presented)   A recording device for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to the same material data, on an information recording medium, comprising:

first generation means for encoding said material data input thereto so as to generate said first encoded data;

second generation means for encoding said material data input thereto so as to generate said second encoded data;

recording means for recording said first encoded data generated by said first generation means and said second encoded data generated by said second generation means on said information recording medium in an alternate manner in terms of time; and

readout means for reading out said second encoded data recorded on said information recording medium while said recording means is recording any one of said first and second encoded data.

2. (Previously Presented)   The recording device according to claim 1, further comprising:

storage means for storing said second encoded data recorded on said information recording medium by said recording means; and

comparison means for comparing said second encoded means read out by said readout means with said stored second encoded data.

3. (Previously Presented)   The recording device according to claim 2, wherein said recording means rewrites said encoded data stored by said storage means on said information recording medium in accordance with a result of comparison by said comparison means.

4. (Previously Presented)   The recording device according to claim 3, wherein said recording means rewrites said encoded data stored by said storage means in a separate unrecorded area on said

information recording medium if a plurality of successive results of comparison by said comparison means show that said data are not identical.

5. (Previously Presented)   The recording device according to claim 1, wherein said recording means performs recording on said information recording medium in a CLV (Constant Linear Velocity) method.

6. (Previously Presented)   The recording device according to claim 1, further comprising reproducing means for decoding and playing back said second encoded data read out by said readout means.

7. (Previously Presented)   A recording method for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to a same material data, on an information recording medium, comprising:

a first generation step of encoding said material data input thereto so as to generate said first encoded data;

a second generation step of encoding said material data input thereto so as to generate said second encoded data;

a recording step of recording said first encoded data generated in said first generation step and said second encoded data generated in said second generation step on said information recording medium in an alternate manner in terms of time; and

a readout step of reading out said second encoded data recorded on said information recording medium while any one of said first and second encoded data is being recorded in said recording step.

8. (Previously Presented)   A recording medium on which a program readable by a computer is recorded, said program being for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to a

same material data, on an information recording medium, said program comprising:

a first generation step of encoding said material data input thereto so as to generate said first encoded data;

a second generation step of encoding said material data input thereto so as to generate said second encoded data;

a recording step of recording said first encoded data generated in said first generation step and said second encoded data generated in said second generation step on said information recording medium in an alternate manner in terms of time; and

a readout step of reading out said second encoded data recorded on said information recording medium while any one of said first and second encoded data is being recorded by the process at said recording step.

9. (Currently Amended)   A recording medium on which a program readable by a computer is recorded, said program for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to a same material data, on an information recording medium, the program making a computer execute a process comprising:

a first generation step of encoding said a material data input thereto so as to generate said first encoded data having a high bit-rate;

a second generation step of encoding said material data input thereto so as to generate said second encoded data having a low-bit rate, both the first and the second encoded data corresponding to a same material data, on said information recording medium;

a recording step of recording said first encoded data generated in said first generation step and said second encoded data generated in said second generation step on said information recording medium in an alternate manner in terms of time; and

a readout step of reading out said second encoded data recorded on said information recording medium while any one of said first and second encoded data is being recorded in said recording step.